

Date: Thursday, 10/18/2007 7:40:15 AM  
 User: Kim Johnston

## Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: INLET VALVE SHAFT
Job Number	: 35161		
Estimate Number	: 12249		
P.O. Number	: <i>N/A</i>	Part Number	: D34741
This Issue	: 10/18/2007 S.O. No. : <i>N/A</i>	Drawing Number	: D3474 REV.A
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: <i>N/A</i> Type : MACHINED PARTS	Drawing Revision	: A
Previous Run	: 27030	Material	: <i>N/A</i>
Written By	: <i>[Signature]</i>	Due Date	: 10/30/2007
Checked & Approved By	: <i>[Signature]</i>	Qty:	8 Um: Each
Comment	: est rev. A 06.04.20 New issue EC		

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

1.0	M303R0250	303 Round Bar 0.250"
-----	-----------	----------------------



Comment: Qty.: 0.3171 f(s)/Unit Total : 2.5368 f(s)

AISI 303 Round Bar 0.250"

batch: *1102027*

*[Signature]* 07-11-01

⑧

2.0	BAND SAW	BAND SAW
-----	----------	----------



Comment: BAND SAW

Cut blank 3.65" long

*[Signature]* 07-11-01

⑨

3.0	LATHE CONV.	CONVENTIONAL LATHE
-----	-------------	--------------------



Comment: CONVENTIONAL LATHE

1-Turn chamfer and face ends as per dwg D3474

*[Signature]* 07-11-01

⑩

4.0	MILLING CONV.	CONVENTIONAL MILLING MACHINE
-----	---------------	------------------------------



Comment: CONVENTIONAL MILLING MACHINE

1- Mill as per dwg D3474

2-Deburr as per dwg D3474

*[Signature]* 07-11-01

⑪

5.0	QC5	INSPECT WORK TO CURRENT STEP
-----	-----	------------------------------



Comment: INSPECT WORK TO CURRENT STEP

*[Signature]* 07/11/02

*[Signature]* counts *[Signature]* X8

6.0	PACKAGING 1	PACKAGING RESOURCE #1
-----	-------------	-----------------------



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: *5T 102*

*[Signature]* *[Signature]* 07/11/02

X8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: P Date: 07/11/02  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 10/18/2007 7:40:15 AM

User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: INLET VALVE SHAFT

Job Number: 35161

Part Number: D34741

Job Number:



Seq. #:

Machine Or Operation:

Description :

7.0

QC21

FINAL INSPECTION/W/O RELEASE



(8)

Comment: FINAL INSPECTION/W/O RELEASE

Don 11.02

Job Completion



U 07.11.02

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

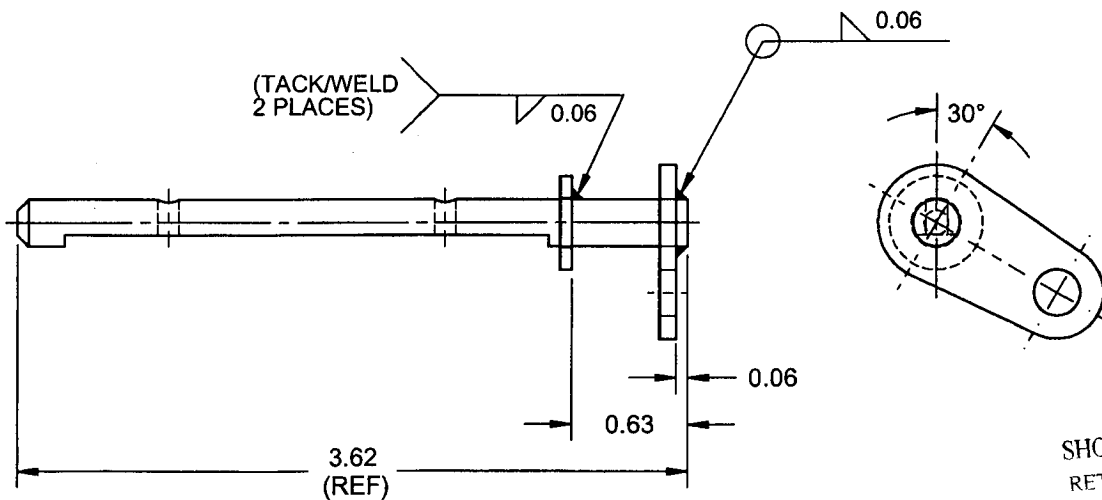
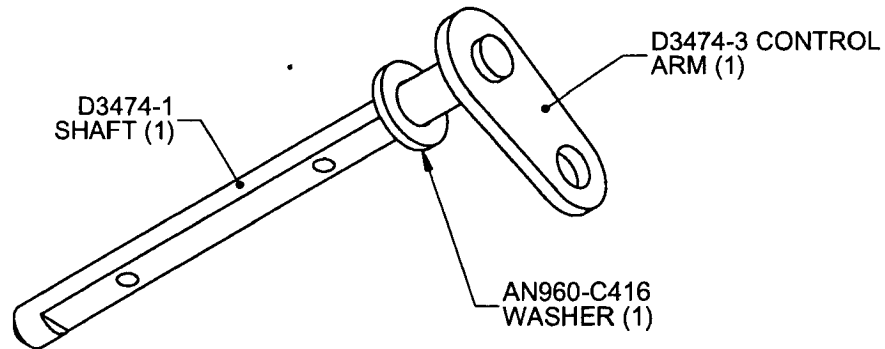
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3474	REV. A SHEET 1 OF 4
DATE 06.01.23		TITLE INLET VALVE SHAFT	SCALE 1:1
A	06.01.23	NEW ISSUE	

*[Signature]* 06.04.03



### D3474-041 INLET VALVE SHAFT

SHOP COPY  
RETURN TO  
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SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 35161

#### NOTES:

- 1) SPOT WELD PER DART QSI 004
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

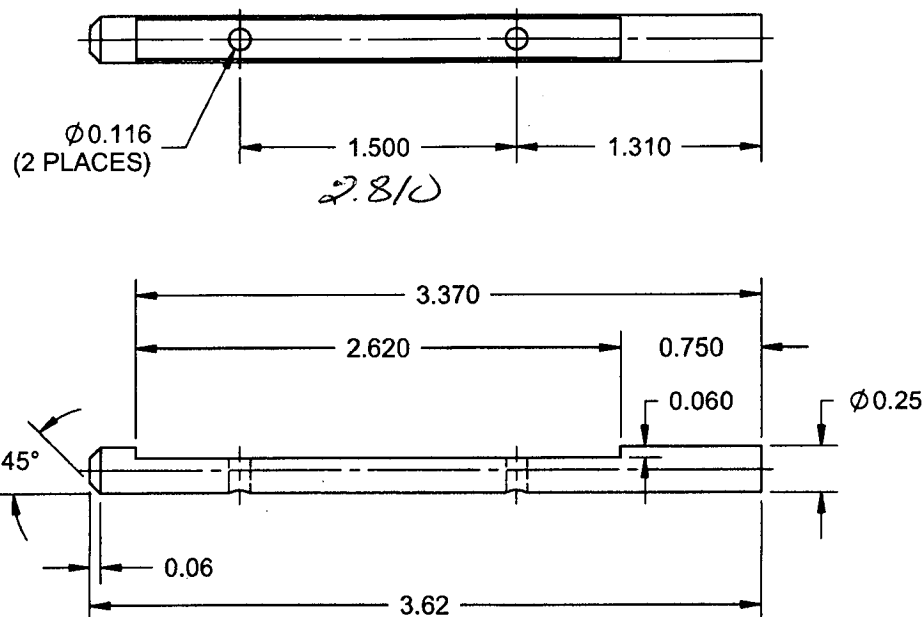
QTY -041	P/N	DESCRIPTION
X	D3474-041	INLET VALVE SHAFT
1	D3474-1	SHAFT
1	D3474-3	CONTROL ARM
1	AN960-C416	WASHER

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CHECKED <i>H</i>	APPROVED <i>H</i>	DRAWING NO. <b>D3474</b>	REV. A SHEET 2 OF 4
DATE <b>06.01.23</b>		TITLE <b>INLET VALVE SHAFT</b>	SCALE 1:1

*H* 06-04-03

312

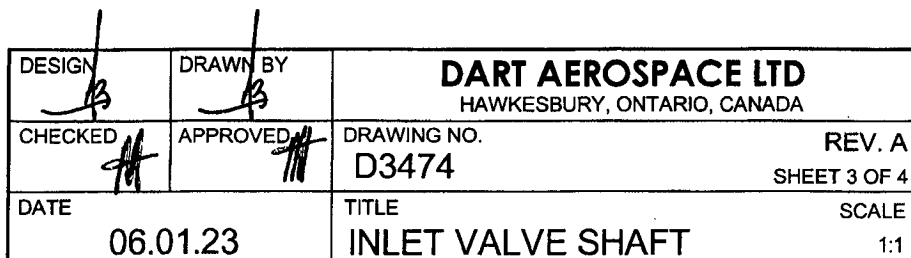
**D3474-1 SHAFT****NOTES:**

- 1) MATERIAL: AISI 303 STAINLESS STEEL 0.25 ROUND BAR  
(REF. DART SPEC. M303R0.250)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

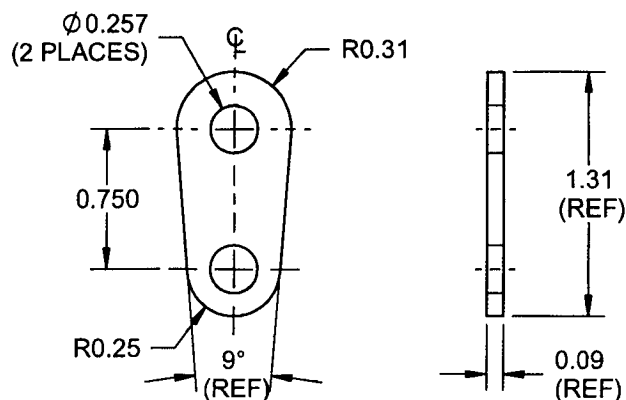
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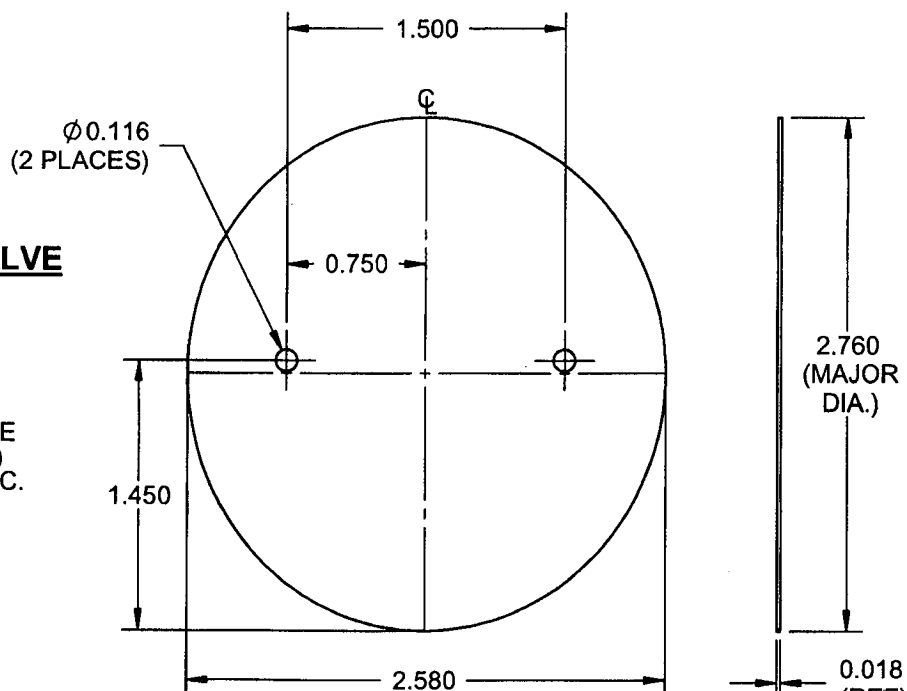
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1) MATERIAL: AISI 304/316 SS SHEET PER  
MIL-S-5019 (ANNEALED) 2B  
FINISH 13 GAUGE SS  
(0.090 THICK)  
(REF. DART SPEC. M304S13GA)



1) MATERIAL: AISI 304/316 SS  
SHEET PER  
MIL-S-5019  
(ANNEALED) 2B  
FINISH 26 GAUGE  
SS (0.018 THICK)  
(REF. DART SPEC.  
M304S26GA)



2) FINISH: NONE  
3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) ALL DIMENSIONS ARE IN INCHES  
5) BREAK ALL SHARP EDGES 0.005 TO 0.010

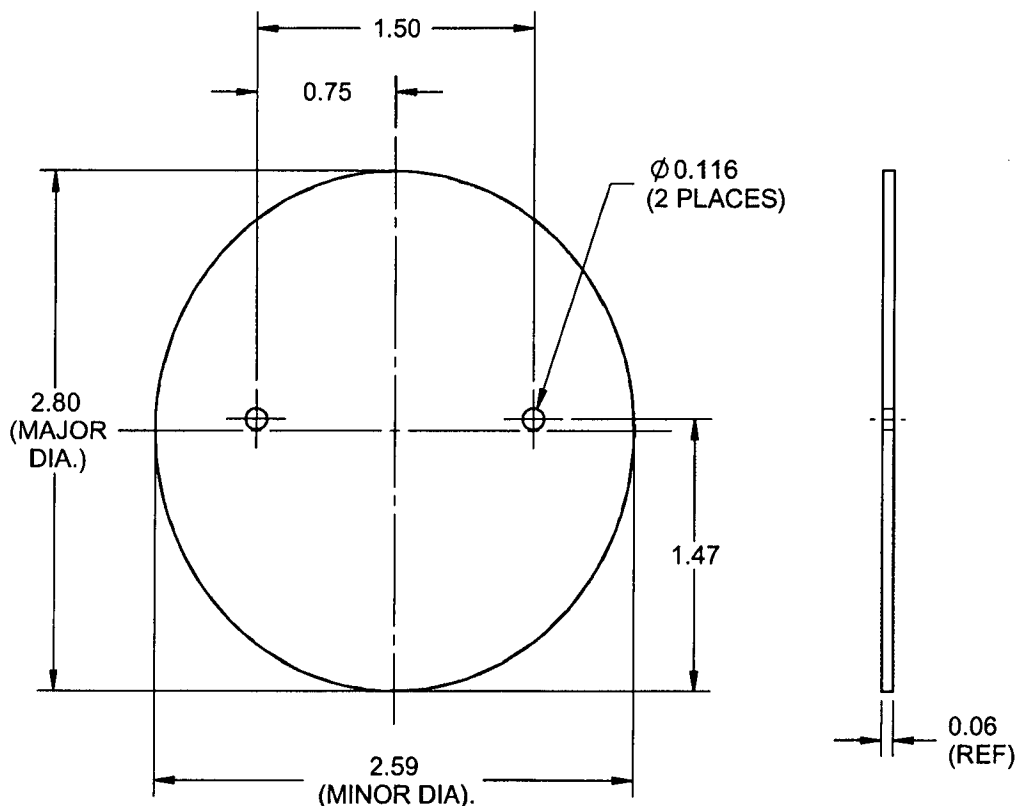
0.018  
(REF)  
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CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3474	REV. A SHEET 4 OF 4
DATE 06.01.23		TITLE INLET VALVE SHAFT	SCALE 1:1

*[Signature]* 06.04.03



### D3474-7 BUTTERFLY VALVE SEAL

#### NOTES:

- 1) MATERIAL: RED (OR GRAY) 60 DUROMETER HI-TEMPERATURE SILICONE SHEET, 0.063 THICK (REF. DART SPEC. M-SIL60-S.063)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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